

Amendments to the Claims

Please cancel claims 8-13 without prejudice.

1-13. (Cancelled)

14. (Previously Amended) A method for preparing an alignment layer surface for liquid crystal displays, comprising the steps of:

providing a diamond like carbon surface;

bombarding the surface with ions from an ion beam;

saturating dangling bonds on the surface caused by the bombarding step; and

quenching the surface with a reactive component to saturate dangling bonds on the surface.

15. (Original) The method as recited in claim 14, wherein the step of bombarding includes the step of introducing a reactive gas to the ion beam.

16. (Previously Amended) The method as recited in claim 15, wherein the reactive gas includes at least one of silane or tetrafluoromethane.

17. (Original) The method as recited in claim 14, wherein the step of bombarding the surface with ions includes the step of bombarding the surface with Argon ions and reactive gas ions.

18. (Previously Amended) The method as recited in claim 14, wherein the reactive component is a reactive gas.
19. (Original) The method as recited in claim 18, wherein the reactive gas includes at least one of hydrogen, nitrogen, carbon dioxide, oxygen and water vapor.
20. (Previously Amended) The method as recited in claim 14, wherein the reactive component is a reactive liquid.
21. (Original) The method as recited in claim 20, wherein the reactive liquid includes at least one of alcohol, water, hydrogen peroxide, carbon dioxide-saturated water, and liquid crystal.